


## **INDIVIDUAL TEACHER'S PROFILE**

<b>1. Name of the Teacher</b>		<u><b>Souvik Ghosal</b></u>		
<b>2. Picture</b>		 <p style="text-align: center; font-size: small;">Souvik Ghosal 3.09.2019</p>		
<b>3. Mobile No.</b>		<b>6291189720</b>		
<b>4. Email Id.</b>				
<b>5. Academic Qualification</b>	<b>Degree</b>	<b>Specialization</b>	<b>Board/ University</b>	<b>Division/ Grade</b>
	<b>Madhyamik</b>		<b>WB Board</b>	<b>1<sup>st</sup></b>
	<b>Higher Secondary</b>		<b>WB Board</b>	<b>1<sup>st</sup></b>
	<b>B.Sc.</b>	<b>ZOOLOGY</b>	<b>C.U.</b>	<b>1<sup>ST</sup></b>
	<b>M.Sc.</b>	<b>ZOOLOGY</b>	<b>V.U.</b>	<b>1<sup>st</sup></b>

	<i>Ph.D.</i>		<i>Place of Work- Department of Biophysics, Molecular Biology and Bioinformatics, University of Calcutta, 92, A.P.C. Road, Kolkata – 700009, India Mahatma Gandhi Medical Advanced Research Institute (MGMARI), Sri Balaji Vidyapeeth (Deemed to be University), Pondy– Cuddalore Main Road, Pillaiyarkup pam, Pondicherry – 607402, India</i>	<i>Pursuing</i>
<b>6. Present Designation</b>		<b>SACT-1</b>		
<b>7. Teaching Experience</b>		<b>2019-Present</b>		

<b>8. Research Interest Area</b>		<b>Bio Physical Chemistry, Theoretical Chemistry, Spectroscopy, Molecular Structure, Computational Chemistry, Molecular Simulation.</b>			
<b>9. Convenership of Sub-Committees</b>		<i>nil</i>			
<b>10. Membership of Administrative bodies/ Sub-Committees</b>		<i>nil</i>			
<b>11. Membership of Learned Societies</b>					
<b>12. Attended Faculty Development Programmes (FDP) &amp; Short Term Courses</b>					
<b>Serial No.</b>	<b>Topic</b>	<b>Organised By</b>	<b>Date</b>	<b>Level</b>	
<b>1.</b>	<b>Faculty Development Programme, AI training conducted by Sree Balaji Vidyapeeth University, Puducherry</b>				
<b>13. Attended Faculty Induction Programmes (FIP) &amp; Refresher Courses (RC) in the last 5 years</b>					
<b>Serial No.</b>	<b>Course Name</b>	<b>Organised By</b>	<b>Date</b>	<b>Grade</b>	
<b>14. Invited Lectures in State, National &amp; International Level Seminars/ Webinars</b>					
<b>Serial No.</b>	<b>Topic</b>	<b>Organised By</b>	<b>Date</b>	<b>Seminar/ Webinar</b>	<b>Level</b>
<b>1.</b>					
<b>15. Attended State, National &amp; International Level Seminars/ Webinars</b>					

<i>Serial No.</i>	<i>Topic</i>	<i>Organised By</i>	<i>Date</i>	<i>Seminar/ Webinar</i>	<i>Level</i>
	<p><b>8. 4th International Conference on Emerging Smart Materials in Applied Chemistry (ESMAC-2023) &amp; Interdisciplinary Science for Sustainability as a part of the Diamond Jubilee Celebration of Indian Photobiology Society.</b></p> <p><b>9. INTERNATIONAL SYMPOSIUM on CURRENT TRENDS AND FUTURE PERSPECTIVES OF NUCLEIC ACIDS RESEARCH IN HEALTH &amp; DISEASES</b></p>				
<p><b>16. Papers Presented in Seminars, Webinars, Workshops, Conferences, Symposia</b></p>					

<i>Serial No.</i>	<i>Title of the Paper</i>	<i>Title of the Seminar, Webinar, Conference</i>	<i>Organised By</i>	<i>Date</i>	<i>Level</i>

***17. Publication in Journals (Mention UGC Care list or UGC Enlisted if any)***

<i>Serial No.</i>	<i>Title of the Paper</i>	<i>Name of the Journal</i>	<i>UGC Care List/ UGC Enlisted</i>	<i>Year</i>	<i>ISSN No.</i>
<i>1</i>	<i>Exploring the Structural Importance of the C3=C4 Double Bond in Plant Alkaloids Harmine and Harmaline on Their Binding Interactions with Hemoglobin</i>	<i>ACS Omega</i>	<i>UGC Enlisted</i>	<i>2023</i>	

2	<i>Uncovering the Contrasting Binding Behavior of Plant Flavonoids Fisetin and Morin Having Subsidiary Hydroxyl Groups (-OH) with HRAS1 and HRAS2 i-Motif DNA Structures: Decoding the Structural Alterations and Positional Influences.</i>	ACS Omega	UGC Enlisted	2023	
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3.	<i>Unravelling the Drug Encapsulation Ability of Functional DNA Origami Nanostructures: Current Understanding and Future Prospects on Targeted Drug Delivery.</i>	mdpi, polymer	UGC Enlisted	2023	
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**18. Publication of Books**

<i>Serial No.</i>	<i>Title of the Paper</i>	<i>Title of the Book</i>	<i>Author(s)/ Editor(s)</i>	<i>Year</i>	<i>ISBN No.</i>

**19. Publications in Book Chapters**

<i>Serial No.</i>	<i>Title of the Paper</i>	<i>Title of the Book</i>	<i>Author(s)</i>	<i>Year</i>	<i>ISBN No.</i>
1.	<b>“COVID-19 PANDEMIC AND IT’S IMPACT ON BIODIVERSITY”- a journal published by Dept. of Zoology, Vidyanagar College</b>				

**20. Grants received from Government & Non-Government agencies for Research Projects**

<i>Serial No.</i>	<i>Title of the Project</i>	<i>Name of the Agencies</i>	<i>Amount Received (Rs.)</i>	<i>Submission Year</i>

**21. Organising Seminars, Webinars, Value Added Courses**

<i>Serial No.</i>	<i>Title</i>	<i>Duration</i>	<i>Date</i>	<i>Level</i>

<p>1.</p>	<p>1. Date :-27.09.2020  Theme :- Birds and Butterflies.  Speakers:- Dr. Supriti Sarkar and Dr. Bulganin Mitra.</p> <p>2. Date :-18.10.2020  Theme :- Wild life vacation : a digital journey  Speaker:- Dr. Bulganin Mitra.</p> <p>3. Date :-28.09.2022  Theme :- Mosquito transmitted diseases in eastern India.  Speaker:- Prof. Ananda Mukhopadhyay.</p> <p>4. Date :-28.02.2023  Theme :- Life in cold life and backyard wildlife.  Speaker:- Kingsuk Mondal and Bikramaditya Guha Roy.</p> <p>5. Date :-22.10.2023  Theme :- Science and Technology of induced breeding of fish and concept of freshwater aquaculture.  Speaker:- Subrata Ghosh.</p> <p>6. Date :-19.06.2023  Theme :- World of animal behavior:- an insight into simple to complex organism.  Speakers:- Dr. Biswatosh Ghosh and Dr. Avinaba Mukherjee.</p> <p>7. Date :-11.09.2020 and 13.09.2020  Theme :- Biology on open biosphere.  Speakers:- Dr. Korak Kanti Chaki , Dr. Narayan Ghorui , Dr. Bulganin Mitra and Prof. Subrata Sar.</p>			<p>State and International</p>
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<b>22. Other Notable Assignments (if any)</b>				